

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A laser device for medical treatment system, comprising at least a plurality of laser beam emitting sources, a laser beam multiplexing means for superimposing the laser beams emitted from said laser beam emitting sources, and a beam mixing means where the laser beams from said laser beam multiplexing means enter and which is an optical fiber for reflecting the laser beams by multireflection inside said optical fiber, and a condenser lens for focusing and entering the laser beams from said beam mixing means to a second optical fiber for propagation, wherein said beam mixing means emits the laser beams so that the laser beam emitted from said laser device has a relation of $10 \leq M^2 \leq 22$, where $W \cdot \Theta = M^2 \lambda / \pi$, M is a parameter to express the quality of the laser beam, W is a beam waste, Θ is a spreading angle, and λ is a wavelength of the laser beam.

2. (Cancelled)

3. (Original) A laser device for medical treatment system according to claim 1, wherein said beam mixing means is an optical waveguide.

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Original) A laser device for medical treatment system according to claim 1, wherein said beam multiplexing means has a plurality of optical fibers where the laser beams enter individually, and said optical fibers have output ends integrated by being welded and deposited.

8. (Cancelled)

9. (Cancelled)

10. (New) A laser device for medical treatment system according to claim 1, wherein the laser beam propagated in said optical fiber for propagation has the relation of $10 \leq M^2 \leq 22$.

11. (New) a laser device for medical treatment system according to claim 1, wherein $K1 \leq K2$, wherein $K1$ is a product of the numerical aperture $NA1$ of said beam mixing means and a core diameter $D1$, and $K2$ is a product of numerical aperture $NA2$ of said optical fiber for propagation and a core diameter $D2$.

12. (New) A laser device for medical treatment system according to claim 1, wherein said beam mixing means is an optical fiber designed in the form of a coil.